Index of Claims

| Application No. | Applicant(s)   |   |
|-----------------|----------------|---|
| 09/841,836      | ROBERTS ET AL. |   |
| Examiner        | Art Unit       | - |
| Stacy B Chen    | 1648           |   |

| √ | Rejected | 1 |  |
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| [- | (Through numeral)<br>Cancelled |
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| ÷  | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

Stacy B Chen

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla        | aim      |              | -  | _        | Ī            | Date         | e            | -  |  |          | Claim Date |           |  |                 |          |          |          |          |   | CI        | aim      | Date       |                 |   |              |          |                |          |               |          |
|------------|----------|--------------|--|----------|--------------|--------------|--------------|--|--|----------|------------|-----------|--|-----------------|----------|----------|----------|----------|---|-----------|----------|------------|-----------------|---|--------------|----------|----------------|----------|---------------|----------|
| Final      | Original | 6/3/03       | 12/1/03  | 6/19/04  | 2/17/05      |              |              |  |  |          | Final      | Original  |  |                 |          |          |          |          |   |           | Finat    | Original   |                 |   |              |          |                |          |               |          |
| -          | 1        | +            | <b>√</b>   | V        | <b>√</b>     | 1            | 1            |  |  |          |            | 51        | 1  | П               | 一        |          | T        | 7        | 1   | $\sqcap$  |          | 101        | $\Box$          |   |              |          | П              |          | $\neg$        | ٦        |
| $\vdash$   | 2        | +            | <b>√</b>   | <b>√</b> | V            |              | Г            |  |  |          |            | 52        | Г  | П               |          |          | 寸        | T        |   | $\Box$    |          | 102        |                 | 丅   | T            |          | П              |          |               |          |
|            | 3        | +            | V  | V        | V            | 0            |              |  |  |          |            | 53        |  |                 |          |          | T        | 1        |   |           |          | 103        |                 |   |              |          |                |          |               |          |
|            | 4        | +            | 7  | >        | <b>√</b>     | 0            |              |  |  |          |            | 54        |  |                 |          |          |          |          |   |           |          | 104        |                 |   |              |          | Ш              |          | $\perp$       |          |
|            | 5        | +            | <b>V</b>   | >        | √            | 0            |              |  |  |          |            | 55        |  |                 |          |          |          |          |   | Ш         |          | 105        | $\Box$          |   |              |          |                |          |               |          |
|            | 6        | +            | <b>\</b>   | 7        | ✓            | 0            |              |  |  |          |            | 56        |  |                 |          | _        |          | _        | $\bot$  | Ш         | <u></u>  | 106        | $\perp$         |   | <u> </u>     | _        | Ш              |          | $\bot$        | _        |
| <u> </u>   | 7        | +            | Ν  | Ν        | N            | N            |              |  |  |          |            | 57        | L  | Ш               |          | _1       | _        | $\perp$  | _   | $\Box$    |          | 107        | $\perp$         |   | ↓_           | <u> </u> | Ш              | _        | 4             | _        |
|            | 8        | +            | N  | N        | N            | N            | <u> </u>     | L  | $oxed{oxed}$                                     | Ш        |            | 58        |  | $\dashv$        | +        |          | 4        | +        |   | 1-1       | <u> </u> | 108        | $\vdash$        | -   | +-           | ⊢        | Н              | _        | -             | _        |
|            | 9        | +            | N  | N        | N            | N            | <u> </u>     | ┡  | <u> </u>   | Ш        |            | 59        |  | $\dashv$        | -+       | $\dashv$ | $\dashv$ | +        |   | 1-        |          | 109        | $\vdash$        |   | ┼            | ⊢        | Н              | -        | +             | _        |
| -          | 10       | +            | 7  | 2        | N            | N            | ⊢            | ┝  | ┡  | H        | ļ          | 60        | -  | $\dashv$        | $\dashv$ | -        | $\dashv$ | +        | +   | +-        | $\vdash$ | 110<br>111 | $\vdash$        | -   | -            | ┢        | Н              | $\dashv$ | +             | _        |
| <b>├</b> ─ | 11       | +            | N  | N        | N            | N            | ├            | -  |  | Н        |            | 61<br>62  | -  |                 | -        | -        | -+       | -+       | -   | +         | $\vdash$ | 112        | $\vdash$        | +   | +-           | ╁        | Н              | $\dashv$ | +             | _        |
| -          | 12       | +            | N  | N        | N            | N            | ├            | ├  | ├  | Н        | -          | 63        | H  | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | +        |   | +         | -        | 113        | $\vdash$        | +-  | +            | $\vdash$ | $\vdash$       |          | +             | -        |
| -          | 13<br>14 | +            | 2 2  | N        | N            | N            | ╁─           | $\vdash$   | ├-   | H        |            | 64        | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +   | +         | $\vdash$ | 114        | $\vdash \vdash$ | +   | +            | $\vdash$ | $\vdash$       | -        | +             | -        |
| -          | 15       | +            | N  | Z        | N            | N            | ┢            | $\vdash$   | $\vdash$   | H        |            | 65        | Н  | $\vdash$        | -+       | $\dashv$ | $\dashv$ | $\dashv$ | +   | +-        | -        | 115        | $\vdash$        | +   | +            | t        | $\vdash$       | 1        | $\dashv$      | -        |
| <b></b>    | 16       | +            | N  | N        | N            | N            | -            | ╁  |  | Н        |            | 66        | -  | H               |          | 1        | $\dashv$ | 十        |   | Н         |          | 116        |                 | +   | +            | 1        | H              | 1        | +             | -        |
|            | 17       | +            | N  | N        | N            | N            | H            | -  | ┢  | Н        |            | 67        |  | -               | $\dashv$ |          | $\dashv$ | $\dashv$ |   | $\Box$    |          | 117        | $\vdash$        | $\top$  | +            | ╁        | † · · · †      | 1        | $\dashv$      | _        |
| $\vdash$   | 18       | +            | N  | N        | N            | N            | t            | <del>                                     </del> | <del>                                     </del> | Н        |            | 68        | Г  | $\Box$          | 寸        | _        | $\dashv$ | 十        | _   | $\Box$    |          | 118        |                 | _   | t            | t        |                | 一        | 十             | _        |
|            | 19       | +            | N  | N        | N            | N            | I            | -  | Н  | Н        |            | 69        | Г  |                 | 一        | 寸        | $\dashv$ | 1        | _   | $\sqcap$  |          | 119        | $\Box$          | $\top$  |              | T        | П              | 寸        | $\top$        |          |
| <b>_</b>   | 20       | +            | N  | N        | N            | N            |              | <del>                                     </del> |  | П        |            | 70        | m  |                 | T        | T        | ヿ        | $\dashv$ | $\neg$  |           |          | 120        |                 |   | 1            | Г        |                | 寸        | $\exists$     |          |
|            | 21       |              |  |          | П            | Т            | <b>†</b>     |  |  | П        |            | 71        |  | П               | $\neg$   | $\neg$   | 寸        |          |   | $\sqcap$  |          | 121        |                 |   |              |          |                |          |               |          |
|            | 22       |              |  |          |              |              |              |  |  |          |            | 72        |  |                 |          |          |          |          |   | $\square$ |          | 122        |                 |   | L            |          |                |          |               |          |
|            | 23       |              |  |          |              |              |              |  |  |          |            | 73        |  |                 |          |          |          |          |   | Ш         |          | 123        |                 |   |              |          |                |          | $\bot$        |          |
|            | 24       |              |  |          |              |              |              |  |  |          |            | 74        | L  |                 | $\dashv$ |          | _        |          |   | Ш         |          | 124        |                 |   | _            | <u> </u> | Ш              | _        | _             | _        |
| <u></u>    | 25       |              |  |          |              | L            | L            |  |  | Ш        |            | 75        | _  |                 | _        |          | 4        | _        |   | Ш         | <u> </u> | 125        | $\sqcup$        |   | ↓_           | 1_       | Ш              | _        | <u>_</u>      | _        |
| <u></u>    | 26       |              |  | <u> </u> | 匚            | <u> </u>     | $oxed{oxed}$ | _  | <u> </u>   |          |            | 76        |  | Ш               | _        | _        | _        | $\dashv$ |   | Ш         | <u> </u> | 126        | $\perp$         | _   | -            | ↓        | Ш              | 4        | $\dashv$      | _        |
| L          | 27       |              |  | <u> </u> | _            | <u> </u>     | <u> </u>     | ╙  | <u> </u>   | Щ        | <u> </u>   | 77        | L  | Ш               | _        | _        | _        | _        | -   | Н         |          | 127        | $\vdash$        |   | ╄            | 1        | Н              |          | +             | _        |
| <u></u>    | 28       | _            |  | _        | _            | 1            | <u> </u>     | ┡  |  | Щ        | -          | 78        |  | Н               | _        | -        | 4        | -        |   | 1-1       |          | 128        |                 |   | ┼            | ┼-       | Н              |          | +             | _        |
| <u> </u>   | 29       | _            | _  | <u> </u> | <u> </u>     | 1            | ├            | <u> </u>   | ┡  | Н        | <u> </u>   | 79        | L  | Н               | -        | -        | -        | $\dashv$ | +   | ++        |          | 129<br>130 | $\vdash$        | +-  | +-           | ╀        | Н              |          | +             | _        |
| <u> </u>   | 30       | L            |  | <u> </u> | ├            | ⊢            | ┝            | ⊢  | -  | Н        | -          | 80        |  | ${\mathbb H}$   | $\dashv$ | -        | -        | +        | -   | +         | -        | 131        | $\vdash$        | +   | ╁            | ╂—       | Н              | $\dashv$ | +             | _        |
| -          | 31       | <u> </u>     |  | ┝        | ⊢            | ⊢            | -            | -  | <del> </del>                                     | $\vdash$ | -          | 81<br>82  | H  | $\vdash$        | -+       | $\dashv$ | -        | +        | +-  | +         | -        | 132        | $\vdash$        | +   | +            | ╫        | $\vdash$       | $\dashv$ | +             | _        |
|            | 33       | -            |  |          | -            | ┢            | ├            | ┢  | -  | $\vdash$ |            | 83        | Н  | Н               | $\dashv$ | $\dashv$ | -        |          | -+-   | ++        |          | 133        | -               | +   | +            | $\vdash$ | Н              | ┪        | $\dashv$      | _        |
| $\vdash$   | 34       | $\vdash$     | <u> </u>   | -        | -            | $\vdash$     | $\vdash$     | ┢  | $\vdash$   | H        | +          | 84        |  | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +-  | +-        | -        | 134        |                 | +   | +            | +        | Н              | $\dashv$ | +             | _        |
| <b> </b>   | 35       | $\vdash$     |  | -        | 1            | +-           | $\vdash$     | $\vdash$   | $\vdash$   | Н        | -          | 85        | <del>                                     </del> | H               | +        | $\dashv$ | $\dashv$ | $\dashv$ | +   | +         |          | 135        | $\vdash$        | $\top$  | T            | 1        | ╁┈┤            | $\dashv$ | $\top$        | _        |
| <b>—</b>   | 36       | $\vdash$     | <del>                                     </del> | Н        |              | $\vdash$     |              | 1  | $\vdash$   | H        |            | 86        |  | H               | +        | $\dashv$ | $\dashv$ | $\dashv$ | +   | $\forall$ |          | 136        | $\vdash$        | $\neg$  | 1            | T        | Н              | $\neg$   | $\top$        | _        |
|            | 37       | $\vdash$     | $\vdash$   | $\vdash$ | _            | T            | T            |  |  | Н        |            | 87        |  | Н               | $\dashv$ | 一        | 1        | $\dashv$ | $\top$  | $\top$    |          | 137        | $\Box$          | -1-   | 1            |          | П              | $\neg$   | $\top$        | _        |
|            | 38       | <u> </u>     | Г  | Г        | T            | 1            |              |  | Г  | П        |            | 88        | Г  | -               | 寸        | $\dashv$ | $\dashv$ |          | $\top$  | $\top$    |          | 138        |                 |   | Ι            |          |                |          | o             | _        |
| -          | 39       | $\vdash$     | Г  | Г        |              | $\vdash$     |              |  |  | П        |            | 89        |  |                 | $\neg$   |          | _1       |          |   |           |          | 139        |                 | $oldsymbol{\perp}$                                | Г            |          |                |          | $\Box$        | Ξ        |
|            | 40       | Γ            |  |          |              | 1            | Π            |  | Π  | П        |            | 90        |  |                 | _1       |          | _1       |          |   |           |          | 140        |                 | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oxed{\Box}$ |          |                |          | $\Box \Gamma$ |          |
|            | 41       |              |  |          |              | L            |              |  |  |          |            | 91        | $\Box$   |                 | $\Box$   |          |          |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |           |          | 141        |                 |   |              |          | $\Box$         |          |               | _        |
|            | 42       |              |  |          |              | L.           | L            |  |  |          |            | 92        |  |                 |          | $\Box$   | $\Box$   |          |   |           |          | 142        | $\Box \Box$     |   | Γ            |          | Ш              |          | $\bot$        |          |
|            | 43       |              |  |          |              |              |              |  |  | Ш        |            | 93        | ┕  | Ш               | _[       | _[       | _[       | $\perp$  |   |           | <u> </u> | 143        | $\sqcup \bot$   |   | $\bot$       | $\vdash$ | Ш              |          | $\bot$        | _        |
|            | 44       |              |  |          |              |              | <u> </u>     | L  | $oxed{oxed}$                                     | Ш        |            | 94        | oxdot  | Ш               | $\Box$   |          |          | $\perp$  |   | $\coprod$ | <u> </u> | 144        | $\sqcup$        | 4-  | ╄-           | $\vdash$ | Ш              | ļ        | $\dashv$      | _        |
|            | 45       | _            |  | L        | <u> </u>     | 1            | <u> </u> _   | L_   |  | Ш        | <u> </u>   | 95        | L_   | Щ               | _ļ       | _        | _        | _        | _ _   | 44        | <u> </u> | 145        | $\sqcup$        | $\perp$   | ╀            | 1        | Ш              |          | $\dashv$      | _        |
| <u></u>    | 46       | <u> </u>     | <u> </u>   | _        | $\vdash$     | ┞            | <u> </u>     | $\vdash$   | _  | Н        | <u> </u>   | 96        | $\vdash$   | $\vdash \vdash$ | _        | _        | _        | $\dashv$ | +   | 4-4       | <u> </u> | 146        | $\vdash \vdash$ | +   | ┼            | ┼        | $\vdash\vdash$ |          |               |          |
| <u></u>    | 47       | <u> </u>     | _  | <u> </u> | <u> </u>     | 1            |              |  | $\vdash$   | Н        | -          | 97        | Ь_   | $\vdash \vdash$ | _        | $\dashv$ | -        | $\dashv$ | +   | +         |          | 147        | $\vdash \vdash$ | +   | +            | ╀        | $\vdash$       |          | $\dashv$      | _        |
|            | 48       | <del> </del> | <u> </u>   | _        | <del> </del> | +            | $\vdash$     |  |  | Н        | -          | 98        | <del> </del>                                     | $\vdash \vdash$ | -        | $\dashv$ |          | $\dashv$ | - -   | +         | -        | 148<br>149 | ⊢⊦              | +   | +-           | ╁        | Н              |          | +             | _        |
| <u> </u>   | 49       | $\vdash$     | $\vdash$   | $\vdash$ | ├            | <del> </del> | ├-           | $\vdash$   | $\vdash$   | Н        | -          | 99<br>100 | ├  | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +   | ++        | $\vdash$ | 150        | -               | +   | +            | +        | $\vdash$       | -        | +             | $\dashv$ |
|            | 50       |              |  |          |              | 1            |              | L_   |  | Ш        |            | טטון      | L  | Ll              | 1        |          | 1        |          |   |           |          | 130        |                 | L   |              | 1_       | ш              |          |               |          |